JAN 1 2 2004 &

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
	Barry W. Cross)	Attorney Docket No.: 19.0331
Serial No.: 10/065372)	Group Art Unit: 3672
Filèd:	10/10/2002)	Examiner: William P. Neuder
Title:	Downhole Drilling Apparatus)	
	and Method for Using Same)	

I hereby certify that this correspondence is being transmitted via First Class Mail to the Mail Stop Official Draftsperson, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-

Kerry Morkis

Date

LETTER TO OFFICIAL DRAFTSPERSON

Mail Stop Official Draftsperson Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Enclosed are four (4) pages of replacement drawings which are being submitted prior to the Notice of Allowance.

Any fees due in this matter may be charged to the Schlumberger Deposit Account 19-

0610.

Date:

Schlumberger Technology Corporation

Office of Patent Counsel

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Respectfully submitted

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